

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

NCI Group, Inc. 14031 West Hardy Houston, TX 77060

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.024" (min.) Structural Galvalume Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. R-001, titled "PBR Panel Flashing Detail", sheets 1 through 3 of 3, prepared by NCI Group, Inc. dated March 15, 2016, signed and sealed by Mark Detwiler, P.E., on March 15, 2016, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-0123.06 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, & E-4 as well as approval document mentioned above.

Hels A. M. W. 09/22/2016

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY)
APPROVED

NOA No. 16-0329.06 Expiration Date: 10/08/2017 Approval Date: 09/22/2016

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #98-0610.03

A. DRAWINGS

1. Drawing No. R, titled "R-Panel Wall Details", prepared by Terrence E. Wolfe, P.E., dated September 10, 1998, sheets 1, 2, and 3, signed and sealed by Terrence E. Wolfe, P.E.

B. TESTS

- 1. Test report on Large Missile Impact Test and Cyclic Wind Pressure Test on R-Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T147-97, dated 08/25/97, signed by Patrick J. Farabaugh, P.E., and signed and sealed by Daniel G. Farabaugh, P.E.
- 2. Test report on Uniform Static Air Pressure Test on R-Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T149-97, dated 08/29/97, signed by Patrick J. Farabaugh, P.E. and signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. Calculations titled "R-Panel – 24 ga.", pages 1 through 2 of 2, prepared by Terrence E. Wolfe, P.E., signed and sealed by Terrence E. Wolfe, P.E.

D. MATERIAL CERTIFICATIONS

- 1. Spec. Data issued by Bethlehem Steel Corporation, dated May 1994, with chemical composition and mechanical properties of galvalume Sheet Steel.
- 2. Tensile Test File No. WP-9048 Report No 050, prepared by West Penn Testing Laboratories, Inc., dated 09/16/97, signed and sealed by Daniel G. Farabaugh, P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0417.12

A. DRAWINGS

- 1. None.
- B. TESTS
 - 1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 16-0329.06

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0612.01

- A. DRAWINGS
 - 1. None.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Building Code Compliance Office.
- E. MATERIAL CERTIFICATIONS
 - 1. None.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0717.06

- A. DRAWINGS
 - 1. Drawing No. R-001, titled "R-Panel Wall Details", sheets 1 through 3 of 3, prepared by Metal Building Components, Inc., dated July 01, 2007, signed and sealed by Mark Detwiler, P.E.
- B. TESTS
 - 1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test on R-Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T216-07, dated 06/15/2007, signed by Patrick J. Farabaugh, P.E., and signed and sealed by Daniel G. Farabaugh, P.E.
- C. CALCULATIONS
 - 1. Calculations titled "R-Panel Wall -24 ga.", 1 page, prepared by Mark Detwiler, P.E., signed and sealed by Mark Detwiler, P.E.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Building Code Compliance Office.
- E. MATERIAL CERTIFICATIONS
 - 1. Tensile Test Data issued by West Penn Material Evaluation, dated May 30, 2007, with mechanical properties of galvalume Sheet Steel.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 16-0329.06

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #11-0810.05

A. DRAWINGS

1. Drawing No. R-001, titled "PBR Panel Flashing Detail", sheets 1 through 3 of 3, prepared by NCI Group, Inc. dated July 27, 2011, signed and sealed by Mark Detwiler, P.E., on July 27, 2011.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of permitting, environment, and Regulatory Affairs.

E. MATERIAL CERTIFICATIONS

1. None.

F. OTHERS

1. Bill of Sale, Assignment and Assumption Agreement.

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #12-0123.06

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. OUALITY ASSURANCE

1. By Miami-Dade County Department of permitting, environment, and Regulatory Affairs.

E. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 16-0329.06

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. R-001, titled "PBR Panel Flashing Detail", sheets 1 through 3 of 3, prepared by NCI Group, Inc. dated March 15, 2016, signed and sealed by Mark Detwiler, P.E., on March 15, 2016.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

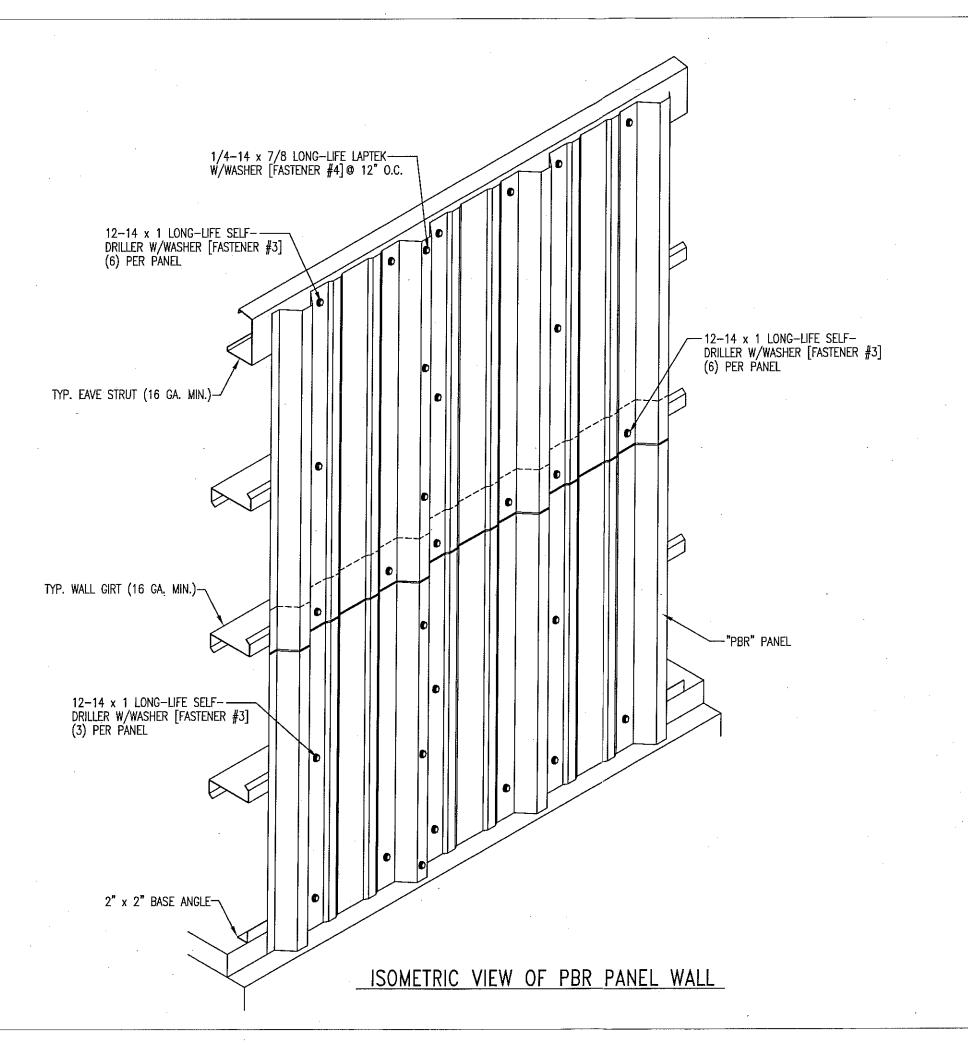
1. None.

F. OTHERS

1. FBC, 2014 Edition Compliance Letter, issued by NCI Group, Inc., dated March 14, 2016, signed and sealed by Mark Detwiler, P.E.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 16-0329.06

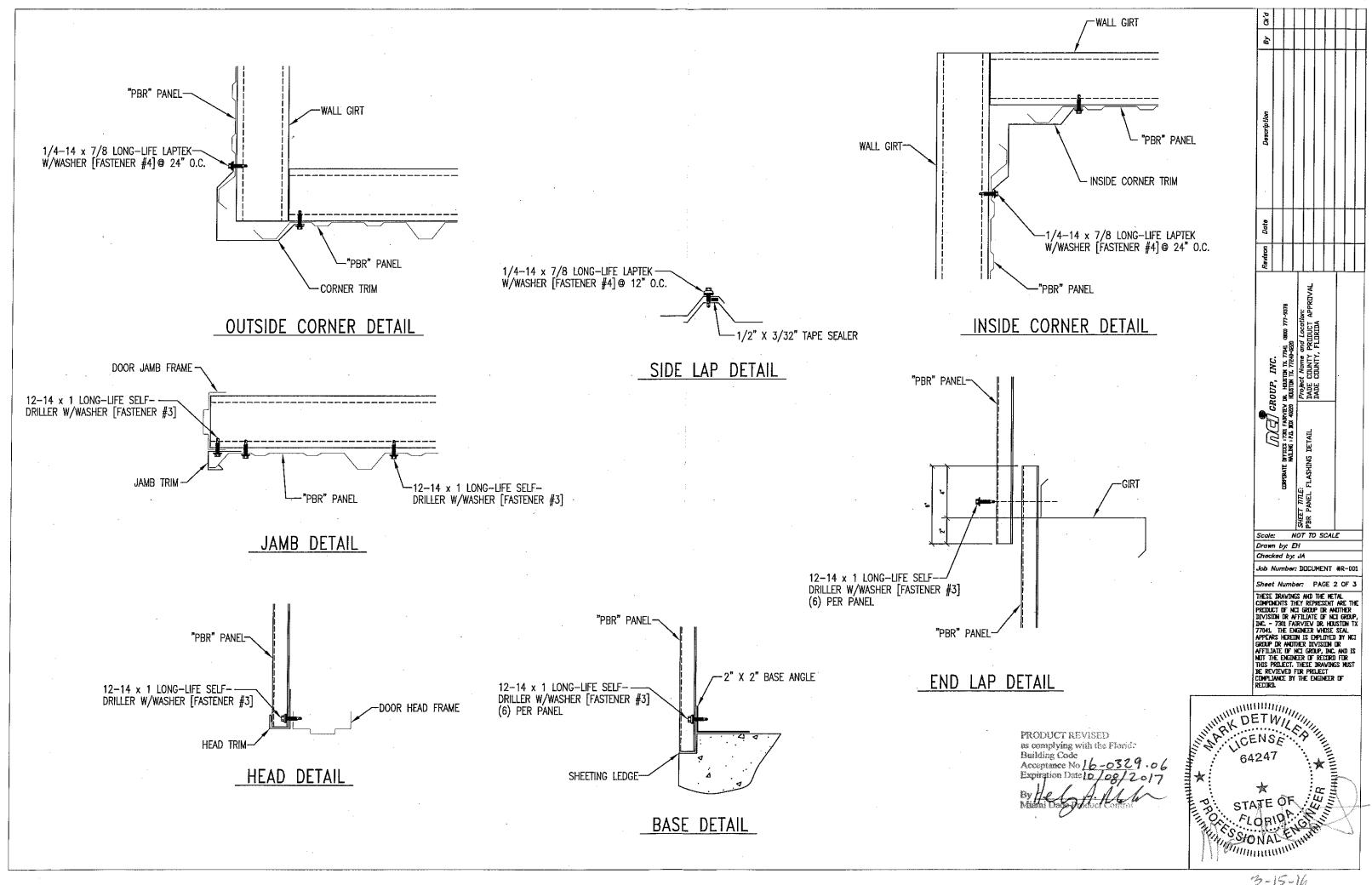


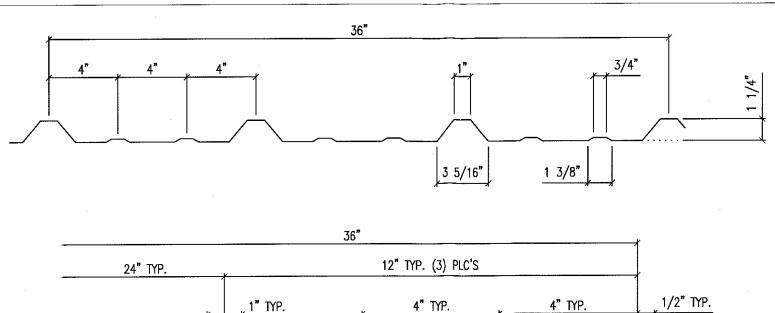
Scale: NOT TO SCALE Drawn by: EH Checked by: JA Job Number: DOCUMENT #R-001

Sheet Number: PAGE 1 OF 3

Sheet Number: PAGE 1 OF 5
THESE BRAVINSS AND THE METAL
COMPINENTS THEY REPRESENT ARE THE
PRIDUCT OF NEI GROUP OR ANOTHER
BIVISION OR AFFILIATE OF NEI GROUP,
INC. - 7301 FAIRVIEW DR. HOUSTON TX
77041. THE ENGINEER VINSES SEAL
APPEARS HEREIN IS DEPLITIED BY NEI
GROUP OR ANOTHER DIVISION OR
AFFILIATE OF NEI GROUP, DAC, AND IS
NOT THE ENGINEER OF RECIRCO FOR
THIS PROLECT. THESE BRAVINGS MIST
BE REVIEWED FOR PROLECT
COMPLIANCE BY THE ENGINEER OF
RECORD.

PRODUCT REVISED as complying with the Florida





1 1/4" TYP. PBR PANEL CROSS SECTION CONFIDENTIAL FOR OFFICIAL USE ONLY

PRODUCT REVISED as complying with the Planton Acceptance No //

PANEL PROPERTIES									
PANÉL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	ELONGATION	HARDNESS	STEEL COATING	PAINT COATINGS		
24	.024 MIN.	50 KSI	55-70 KSI	20-36%	50-65 HRB	AZ 55	SIG 300 KYNAR		

PANEL ACCESSORIES

1/2 X 3/32

TRIPLE BEAD

CONSTRUCTION FASTENERS INC. SPRING STREET AND VAN REED ROAD P.O. BOX 6326, WYOMISSING PA 19610

#14 X 7/8' LAP TEK W/BOND SEAL WASHER

#12 X 1 SDS W/EPDM WASHER

#12 X 1 TEK 2 W/BOND SEAL WASHER

#14 X 7/8" LAP TEK W/EPDM WASHER

WG-7 INSIDE/DUTSIDE CLOSED CELL POYETHYLENE FOAM

GULF-SEAL SPECIALTIES, INC. P.D. BDX 508

SOUTH HOUSTON, TX 77587

TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPLENE)

TRI-BEAD TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPLENE)

TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPLENE)

SCHNEE-MOREHEAD, INC. 111 NORTH NURSERY ROAD IRVING, TX 75060

PERMATHANE URETHANE CAULK

1, THE 24 GAGE PBR PANELS SHALL BE USED FOR WALL CONSTRUCTION IN ACCORDANCE WITH THESE DETAILS.

A. DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS

B. ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS FASTENERS DIAGRAM WITH SIZE AND LOCATION.

2. THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 24 GAGE STEEL FOR PANEL ARE AS FOLLOWS:

- A. MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS 147.22 FT-LBS.
- B. MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS 82.80 FT-LBS.
- C. EI VALUE OF PANEL 1,100,082 LBS-IN^2
- D. MAXIMUM ALLOWABLE DEFLECTION OF PANEL L/240
- E. MAXIMUM SUPPORT REACTION 294.44 LBS.

(FOR FASTENER SPACING SHOWN ON DRAWING PAGE 1 OF 3)

THIS STRUCTURAL WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE(FBC) FOR USE WITH 5TH EDITION (2014) FBC AS APPLICABLE THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 AND ASCE 7-10 MUST BE MULTIPLED BY 0.60.

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Drawn by: EH Checked by: JA

Job Number: TOCUMENT #R-001

DETWILL